

Listing of the Claims

1. (Currently Amended) A magnetic resonance imaging ~~(MRI)~~-system ~~(1)~~, comprising:
 - a housing ~~(10)~~-defining an examination space ~~(2)~~-for receiving a body for examination;
 - a magnetic field generating system ~~(4)~~-for generating a magnetic field in the examination space ~~(2)~~;
 - an electromagnetic resonance receive system ~~(5)~~-which comprises at least one dedicated receive coil ~~(20)~~;wherein said at least one dedicated receive coil ~~(20)~~-is fixedly attached to the housing ~~(10)~~-or with respect to at least one transmit coil of the magnetic field generating system ~~(4)~~.

2. (Original) An MRI system according to claim 1, comprising multiple fixed dedicated receive coils located at different positions.

3. (Currently Amended) An MRI system according to claim 1, wherein the housing ~~(10)~~-comprises at least one cover plate ~~(12)~~-adjacent the examination space ~~(2)~~, wherein the dedicated receive coil ~~(20)~~-is fixed to the cover plate ~~(12)~~.

4. (Currently Amended) An MRI system according to claim 3, wherein the dedicated receive coil ~~(20G)~~-is fixed to the interior of the cover plate ~~(12)~~-or to the exterior of the cover plate ~~(12)~~.

5. (Currently Amended) An MRI system according to claim 1, wherein the housing ~~(10)~~-comprises at least one cover plate ~~(42)~~-adjacent the examination space ~~(2)~~, wherein the dedicated receive coil ~~(201)~~-is integrated in the cover plate ~~(42)~~.

6. (Currently Amended) An MRI system according to claim 1, wherein the dedicated receive coil ~~(20)~~-is formed in the shape of a cover plate of the housing.

7. (Currently Amended) An MRI system according to claim 3 ~~or 5~~, wherein the cover plate ~~(12, 42)~~ is used as a detachable part of the housing ~~(10)~~.

8. (Currently Amended) An MRI system according to claim 7, wherein the cover plate ~~(12, 42)~~ comprises two or more plate segments ~~(13)~~, coupled to each other by hinges ~~(14)~~.

9. (Currently Amended) An MRI system according to claim 1, wherein the electromagnetic resonance receive system ~~(5)~~ further includes one or more transmit coils of the magnetic field generating system ~~(4)~~, these one or more transmit coils being used as receive coils.

10. (Currently Amended) An MRI system according to claim 1, wherein the electromagnetic resonance receive system ~~(5)~~ further includes one or more separate antenna elements.

11. (Currently Amended) An MRI system according to claim 1, further comprising a patient table ~~(3)~~ being displaceable into and out of the examination space ~~(2)~~, wherein the electromagnetic resonance receive system ~~(5)~~ further includes one or more receive coils ~~(20)~~ mounted in or under the patient table ~~(3)~~, fixed to the patient table.